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(54) **MONITORING THE COOLING OF SUBCUTANEOUS LIPID-RICH CELLS, SUCH AS THE COOLING OF ADIPOSE TISSUE**

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(58) **Field of Classification Search**
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See application file for complete search history.

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(57) **ABSTRACT**

A system and method of monitoring, controlling and/or detecting events during the removal of heat from subcutaneous lipid-rich tissue is described. In some examples, the system detects an increase in temperature at a treatment device in contact with the skin of a subject, determines that the increase in temperature is related to a treatment event, and performs an action based on the determination. In some examples, the system shuts off the treatment device, alerts an operator, or reduces the cooling in response to a determined treatment event.

23 Claims, 9 Drawing Sheets